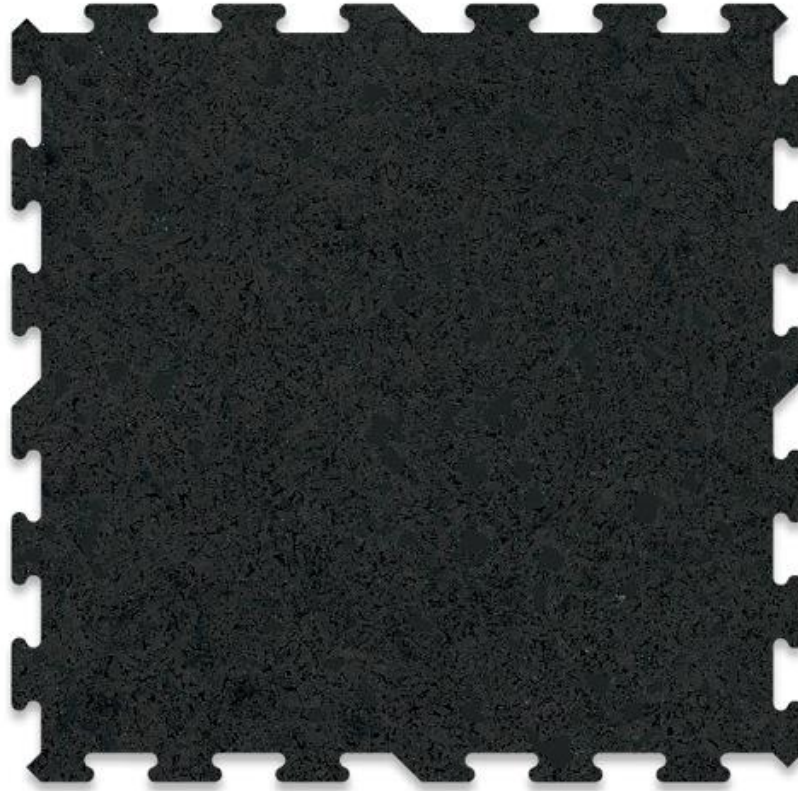


ecore™

Commercial



ECOSURFACES INTERLOCKING TILES

TECHNICAL MANUAL

Installation • Maintenance • Warranty

Manufactured in the U.S.A. by:

ecore

Revised on 10/12/2017
Supersedes all previous versions.
Check website for updates.

TABLE OF CONTENTS

INSTALLATION

Site Conditions	3
Material Storage and Handling	3
Area Mat Installation	4
Wall to Wall Installation	4

MAINTENANCE

Floor protection	5
Assignment of Cleaning	5
Cleaning Chart Uncoated	6
Cleaning Procedures Uncoated	6

WARRANTY

Warranty	7
----------	---

INSTALLATION

Interlocking Tile Installation

I. REQUIRED TOOLS & MATERIALS

Tape measure	Utility knife with heavy-duty blades	Marking instrument, such as paint pens or chalk
Chalk line	Framing square	Push broom or vacuum
Metal Straight Edge		

II. SITE CONDITIONS

- A. **Inspect all tiles for visual defects before beginning installation. No labor claim will be honored on material installed with visual defects. Any discrepancies must be reported immediately to Ecore's Technical Services Department at 1-800-322-1923 before beginning installation.**
- B. Care should be taken when moving large or heavy equipment over Interlocking Tiles due to the modular free floating design of the system. Plywood or other rigid sheeting can be utilized to better disperse the load to avoid tile buckle.
- C. 3/8" Interlocking Tiles are the only approved thickness in free weight areas and extra matting is suggested in these areas to reduce tile damage from repeated high impact.
- D. This product is intended for indoor use only. Approved temperature range of 50-85 degrees F.
- E. Do not use where the flooring will be exposed to fuels, oils, solvents, chemicals, or large fluctuations in temperature.
- F. This product is not designed to be used under rolling loads or in commercial applications due to the loose lay design. If full adhesion is required please contact Ecore for other recommended products.
- G. Areas to receive flooring should be weather tight and maintained at a minimum uniform temperature of 65°F (18°C) for 48 hours before, during, and after the installation.
- H. Install Interlocking Tiles over wood or concrete subfloors, or firmly adhered resilient flooring such as vinyl, linoleum, laminate, ceramic tile, and wood. The Interlocking Tile can also be installed over "low pile" carpet using precautionary measures. All carpets have a "nap" in which the fibers run in one direction. The up and down motion of the mat above the carpet will cause it to move in the direction of the nap. To remedy this movement, plastic carpet runners may be installed, with spikes down under the Interlocking Tile mat.
- I. Surface should be smooth to prevent irregularities, roughness, or other defects from transferring through to the new flooring.

III. MATERIAL STORAGE AND HANDLING

- A. Store the material in its original, unopened packaging with all labels intact.
- B. Inspect all materials for visual defects before beginning the installation. Verify the material delivered is the correct style, color, and amount. Any discrepancies must be reported to the retailer where the material was purchased.
- C. Remove tiles from cartons and allow to sit in the area to be installed, at uniform room temperature 24 hours prior to installation.
- D. Mix tiles from several boxes or skids. Ensure that job site and subfloor conditions are met.
- E. Install Interlocking Tiles so that the directional markings stamped on the bottom of the tiles point in the same direction. It is mandatory to install these tiles in the same direction.

INSTALLATION

Area Mat Interlocking Tile Installation

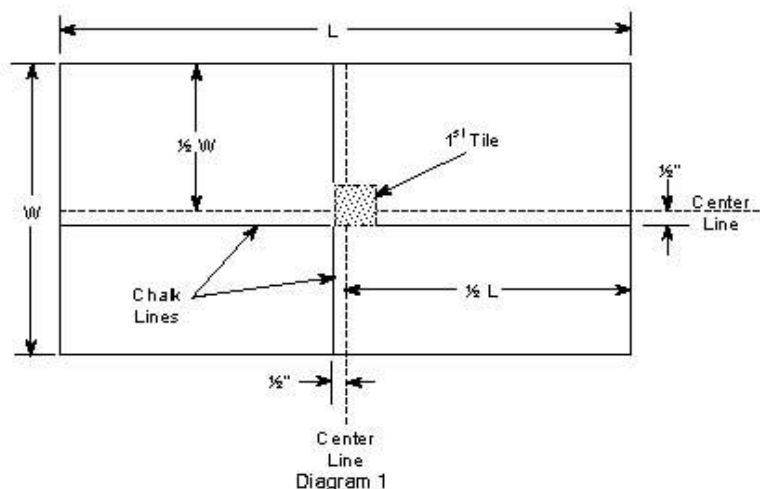
IV. Area Mat

- A. For a simple area mat installation, lay down the tiles to the desired length and width and interlock the tabs.
- B. For a finished look, trim the interlocking tabs from the mat using a sharp utility knife and a metal straight edge.

Wall To Wall Interlocking Tile Installation

IV. LAYOUT Wall To Wall

- A. It is customary to begin tile installations from the center of the room.
- B. Measure the width of the area to be covered.
- C. Mark the center of the area at two points, one at each end.
- D. Snap a chalk line, line #1, through these two points.
- E. Determine the center point of the chalk line.
- F. Using a Carpenter's square or another method, snap a second chalk line, line #2, perpendicular (at 90°) to the first line. The lines should intersect at their centers.
- G. The area to be covered is now divided into quarters. Begin the installation at the center of the area, where the two lines intersect. See Diagram 1. Interlocking Tiles must be installed in the same direction. Directional markings stamped on the bottom of the tiles must point in the same direction.
- H. Lay whole tiles from left to right along chalk line #1 up to the wall on the opposite side of chalk line #2. The last tile will likely have to be cut to fit against the wall.
- I. Cut the last piece to fit against the wall using a metal straight edge and a sharp utility knife. Do not compression fit the tile against the wall. Allow a 1/4" around the perimeter for expansion.



INSTALLATION

IMPORTANT INFORMATION FOR THE SPECIFIER:

Ecore recommends our environmentally friendly, E-Cleaner and E-Strip Maintenance Products and Procedures for ECOsurfaces.

Proper protection and maintenance of ECOsurfaces post-installation should be specified by the architect/designer. ECOsurfaces should not be subject to construction debris and potential damage caused from heavy duty construction activities. The specifier should determine and assign the specific type of cleaning and products, dependent upon the type of material being installed.

FLOOR PROTECTION, CLEANING AND MAINTENANCE

It is the responsibility of the specifier to provide the following.

Specification details to protect the floor post-installation and until job construction is complete, such as covering the entire floor with paper or other floor covering. This includes plastic, plywood, or masonite, until construction is complete.

The specifier should determine and assign the responsibility for the initial cleaning and finishing of ECOsurfaces. This responsibility should be specifically assigned to the flooring contractor, general contractor, maintenance contractor, or owner. All ECOsurfaces published procedures shall be followed.

It is the General Contractor's responsibility to provide the following.

A building or installation area that is fully enclosed from the elements. The roof, windows, and doors shall be finished.

Temperature shall be climate controlled with a minimum uniform temperature of 65° F for 48 hours prior to, during, and after the ECOsurfaces flooring installation, so the flooring contractor can acclimate the flooring materials.

Areas of the flooring that are subject to direct sunlight through doors or windows shall have the doors or windows covered for such time until the installation of the ECOsurfaces material is complete.

Protect ECOsurfaces from damage and construction debris by using an appropriate floor covering. All sections shall be fully covered until such time that the recommended initial cleaning may be performed.

MAINTENANCE

Steps	Green Products	Dilute	Diluted Coverage	Pads & Brushes
Initial Cleaning	Ecore's E-Cleaner	10 oz./gal. water	2,000 sq. ft./gal.	Soft nylon brush or microfiber mop
Daily Cleaning	Ecore's E-Cleaner	2-4 oz./gal. water	6,000 sq. ft./gal.	Soft nylon brush or microfiber mop
Heavy Soil and Restorative Cleaning	Ecore's E-Strip	16 oz./gal. water	1,200 sq. ft./gal.	Brown pad or black pad

I. Ecore Cleaning Program

A. Initial Cleaning

1. Remove all surface soil, debris, sand, and grit by sweeping, or vacuuming.
2. Scrub floor with Ecore's recommended E-Cleaner with a rectangular microfiber mop. A soft nylon brush may be used in more heavily soiled areas.
3. DO NOT flood the floor with water as the Interlocking design will allow water to pass through.

B. Daily/Regular Cleaning

1. Sweep, dust mop, or vacuum floor to remove surface soil, debris, sand, and grit.
2. Damp mop with a microfiber mop using Ecore's approved E-Cleaner.

C. Restorative Maintenance

1. Sweep or vacuum to remove loose soil.
2. Heavy scrub using a rotary scrubber or automatic scrubber with an approved pad and stripper solution Ecore's E-Strip.
3. Pick up solution with wet vac.
4. Rinse with clean water. **Do not flood the floor**
5. Allow floor to thoroughly dry.
6. Apply floor finish following initial finish application instructions.

D. Heavy Soil

1. Hard-to-clean and greasy areas may require a higher concentration of Ecore's E-Cleaner and may require a restorative maintenance.

WARRANTY

All Ecore rubber flooring is guaranteed to be free from manufacturing defects on both material and workmanship. If such a defect is discovered, the customer must notify Ecore either through the contracting installer, distributor, or directly. If found to be defective within three years under normal non-abusive conditions, the sole remedy against the seller will be the replacement or repair of the defective goods, or at the seller's option, credit may be issued not exceeding the selling price of the defective goods.

ECOsurfaces warranty shall not cover dissatisfaction due to improper installation, normal wear or quality of installation expected from the use or environment of installation, damage from improper maintenance or usage, or general misuse, including and without limitation: burns, cuts, tears, scratches, scuffs, damage from rolling loads, damage from cleaning products not recommended by Ecore, slight shade variations or shade variations due to exposure to direct sunlight, or differences in color between samples or photographs and actual flooring.

Excluded from Warranty – ECOsurfaces warranty does not apply to the following.

1. The exact matching of shade, color, or mottling.
2. Any express or implied promise made by any salesman or representative.
3. Tears, burns, cuts, or damage due to improper installation, improper use, or improper cleaning agents or maintenance methods.
4. Wear from chairs or other furniture without proper floor protectors will void the warranty. Care should be taken to protect the flooring from damage by using good quality protective feet for chairs, tables, and other furniture. Chair mats may be required under chairs with casters/wheels.
5. Labor costs for installation of original or replacement material.
6. Sale of "seconds," "off goods," or other irregular (non-first-quality) flooring materials. With respect to "seconds" or "off goods," such are sold "as is," and Ecore makes no warranties whatsoever, express or implied with respect thereto, including warranties of merchantability or fitness for a particular purpose.
7. Problems caused by moisture, hydrostatic pressure, or alkali in the sub-floor.
8. Problems caused by uses, maintenance, and installation that are contrary to Ecore Commercial Flooring specifications, recommendations or instructions.
9. Material installed with obvious defects.
10. Damage to flooring products from high heels or spike heels.
11. Damage to flooring products from rubber mats, rubber backed mats, or car tires.
12. Installation of ECOsurfaces products with adhesives other than those recommended by Ecore Commercial Flooring.
13. Fading and/or discoloration resulting from heavy sunlight penetration and ultraviolet ray exposure from direct or glass-filtered sunlight.
14. Material that is not installed and maintained as recommended by Ecore Commercial Flooring.
15. Damage to flooring products from pallet jack and tow-motor traffic.
16. Environments where the product will be exposed to animal fats, vegetable oils, grease, or petroleum based materials. (i.e.: commercial kitchens or auto repair facilities)
17. Premature wear and deterioration from spikes and skate blade exposure.
18. Differences in color between products and photography.
19. Embossing/density deviations between product and samples, photography.

These warranties are in lieu of any other warranty expressed or implied. Ecore Commercial Flooring shall not be liable for any incidental or consequential damages which may result from a defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. These warranties give you specific rights, and you may also have rights which may vary from state to state. To know what your legal rights are in your state, consult your local or state Consumer Affairs Office or your State Attorney General. For complete and latest warranty information for products within the ECOsurfaces collection please visit www.ecorecommercialflooring.com.



800-258-08431 – www.ecorecommercialflooring.com

Manufactured in the U.S.A. by:



715 Fountain Ave – Lancaster, PA 17601

©2015 All designs and colors are copyrighted by Ecore. ECOSurfaces is a registered trademark of Ecore